ELSEVIER

Hearing Research 77 (1994) 237–238

HEARING RESEARCH

Contents of Volume 77

No. 1/2

X. Castor, E. Veuillet, A. Morgon and L. Collet *(France)*
Influence of aging on active cochlear micromechanical properties and on the medial olivocochlear system in humans 1

P.P.G. Van Benthem, S.F.L. Klis, F.W.J. Albers, D.J. De Wildt, J.E. Veldman, E.H. Huizing and G.F. Smoorenburg *(the Netherlands)*
The effect of nimodipine on cochlear potentials and Na^+/K^+-ATPase activity in normal and hydropic cochleas of the albino guinea pig 9

W.F. Decraemer, S.M. Khanna and W.R.J. Funnell *(Belgium, USA, Canada)*
A method for determining three-dimensional vibration in the ear 19

P.B. Brechtelsbauer, A.L. Nuttall and J.M. Miller *(USA)*
Basal nitric oxide production in regulation of cochlear blood flow 38

W.S. Rhode *(USA)*
Temporal coding of 200% amplitude modulated signals in the ventral cochlear nucleus of cat 43

K. Torihara, T. Suganuma, S. Ide and T. Morimitsu *(Japan)*
Anionic sites in blood capillaries of the mouse cochlear duct 69

S.L. Garetz, D.J. Rhee and J. Schacht *(USA)*
Sulfhydryl compounds and antioxidants inhibit cytotoxicity to outer hair cells of a gentamicin metabolite in vitro 75

S.L. Garetz, R.A. Altschuler and J. Schacht *(USA)*
Attenuation of gentamicin ototoxicity by glutathione in the guinea pig in vivo 81

L.A. Werner, R.C. Folsom and L.R. Mancl *(USA)*
The relationship between auditory brainstem response latencies and behavioral thresholds in normal hearing infants and adults 88

J.K. Brunso-Bechtold, M.C. Linville and C.K. Henkel *(USA)*
Terminal types on ipsilaterally and contralaterally projecting lateral superior olive cells 99

D.B. McCreery, T.G.H. Yuen, W.F. Agnew and L.A. Bullara *(USA)*
Stimulus parameters affecting tissue injury during microstimulation in the cochlear nucleus of the cat 105

S. Preyer, W. Hemmert, M. Pfister, H.-P. Zenner and A.W. Gummer *(FRG)*
Frequency response of mature guinea-pig outer hair cells to stereociliary displacement 116

S. Schmidt and J. Thaller *(FRG)*
Temporal auditory summation in the echolocating bat, *Tadarida brasiliensis* 125

J.L. Fitzakerley, J.A. McGee and E.J. Walsh *(USA)*
Responses of peripheral auditory neurons to two-tone stimuli during development: I. Correlation with frequency selectivity 135

J.L. Fitzakerley, J.A. McGee and E.J. Walsh *(USA)*
Responses of peripheral auditory neurons to two-tone stimuli during development: II. Factors related to neural responsiveness 150

J.L. Fitzakerley, J.A. McGee and E.J. Walsh *(USA)*
Responses of peripheral auditory neurons to two-tone stimuli during development: III. Rate facilitation 162

K. Chen, H.J. Waller and D.A. Godfrey *(USA)*
Cholinergic modulation of spontaneous activity in rat dorsal cochlear nucleus 168

Y. Cazals, Z.Y. Wu and K. Horner *(France)*
Alterations of auditory nerve responses by hypoxia in normal and hydropic ears of awake guinea pigs 177

D.M. Mills and E.W Rubel *(USA)*
Variation of distortion product otoacoustic emissions with furosemide injection 183

T. Ren, P.B. Brechtelsbauer, J.M. Miller and A.L. Nuttall *(USA, China)*
Cochlear blood flow measured by averaged laser Doppler flowmetry (ALDF) 200

R.G. Jaeger, J. Fex and B. Kachar *(USA)*
Structural basis for mechanical transduction in the frog vestibular sensory apparatus: II. The role of microtubules in the organization of the cuticular plate 207

D.Z. Pitovski, M.J. Drescher and D.G. Drescher *(USA)*
Glucocorticoid receptors in the mammalian inner ear: RU 28362 binding sites 216

A. Raza, J.C. Milbrandt, S.P. Arneric and D.M. Caspary *(USA)*
Age-related changes in brainstem auditory neurotransmitters: Measures of GABA and acetylcholine function 221

Short Communication

W.P. Shofner and S. Sheft *(USA)*
Detection of bandlimited noise masked by wideband noise in the chinchilla 231

Calendar of Events 236

Contents of Volume 77 237

Author Index 239

Subject Index 241